

# Eyes on the Sky 2006

Public Lecture Series, February 16 - May 4, 2006

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**7:00 pm, Thursday, April 20, 2006**

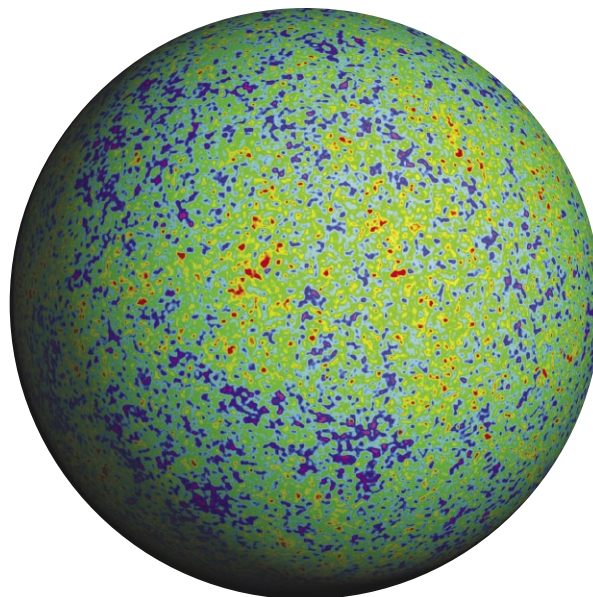
**Physics Lecture Hall 1412**

**University of Maryland College Park**

## The History of the Universe in One Hour

**Max Tegmark**

**Massachusetts Institute of Technology**



### Abstract

With a cosmic flight simulator, we'll take a scenic journey through space and time. After exploring our local Galactic neighborhood, we'll travel back 13.7 billion years back to explore the Big Bang itself and how state-of-the-art measurements are transforming our understanding of our cosmic origin and ultimate fate.

If you have questions about dark matter, dark energy, black holes, parallel universes or other things cosmological, this will be a great opportunity to ask them!

### Background

A native of Stockholm, Max Tegmark left Sweden in 1990 after receiving his B.Sc. in Physics from the Royal Institute of Technology (he'd earned a B.A. in Economics the previous year at the Stockholm School of Economics). His first academic venture beyond Scandinavia brought him to California, where he studied physics at the University of California, Berkeley, earning his M.A. in 1992, and Ph.D. in 1994. After four years of west coast living, Tegmark returned to Europe and accepted an appointment as a research associate with the Max-Planck-Institut für Physik in Munich. In 1996 he headed back to the U.S. as a Hubble Fellow and member of the Institute for Advanced Study, Princeton. Dr. Tegmark remained in New Jersey for a few years until an opportunity arrived to experience the urban northeast with an Assistant Professorship at the University of Pennsylvania, where he received tenure in 2003. He extended the east coast experiment and moved north of Philly to the shores of the Charles River (Cambridge-side), arriving at MIT in September 2004.

Dr. Tegmark has received numerous awards for his research, including a Packard Fellowship (2001-06), Cottrell Scholar Award (2002-07), and an NSF Career grant (2002-07). His work with the SDSS collaboration on galaxy clustering shared the first prize in Science magazine's "Breakthrough of the Year: 2003."

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**To request a sign language interpreter, please contact us by email at [LRana@pop600.gsfc.nasa.gov](mailto:LRana@pop600.gsfc.nasa.gov)**

**Admission is free. Please RSVP online to reserve a spot.**

**<http://university.gsfc.nasa.gov/eyesonthesky/>**

**Phone Contact: 301-286-2893/9690**

*"Eyes on the Sky" features some of the world's leading scientists and NASA's cutting edge scientific endeavors to answer some of the most profound questions about our planet and the universe.*